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Fig. 1

Filename : A β antibody heavy chain variable region
Sequence Size : 408
Sequence Position: 1 - 408

signal sequence

10 20 30 40 50 60
ATGGGATGGATCTGGATCTTTCTCTTCCTCCTGTCAGGAAGTGCAGGTGTCCACTCTGAG
M G W I W I F L F L L S G T A G V H S E

70 80 90 100 110 120
GTCCAGCTGCAGCAGTCTGGACCTGAGCTAGTGAAGACTGGGGCTTCAGTGAAGATATCC
V Q L Q Q S G P E L V K T G A S V K I S

CDR1

130 140 150 160 170 180
TGCAAGGCTTCTGGTTACTCATTCACTGGTTACTACATGCACITGGGTCAAGCAGAGCCAT
C K A S G Y S F T G Y Y M H W V K Q S H

CDR2

190 200 210 220 230 240
GGAAAGAGCCTTGAGTGGATTGGATATATTAGTTGTTACAATGGTGCTACTAGCTACAAC
G K S L E W I G Y I S C Y N G A T S Y N

250 260 270 280 290 300
CAGAAGTTCAAGGGCAAGGCCACATTTACTGTAGACACATCCTCCAGCACAGCCTACATG
Q K F K G K A T F T V D T S S S T A Y M

CDR3

310 320 330 340 350 360
CAGTTCAACAGCCTGACATCTGAAGACTCTGCGGTCTATTACTGTGCAAGAGGGGGCTAAC
Q F N S L T S E D S A V Y Y C A R G A N

370 380 390 400
TGGGTCTTTGACTACTGGGGCCAAGGCACCACTCTCACAGTCTCCTCA
W V F D Y W G Q G T T L T V S S

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Fig. 2

Filename : A β antibody light chain variable region
Sequence Size : 387
Sequence Position: 1 - 387

signal sequence

10 20 30 40 50 60
ATGGCCTGGACTTCACTTATACTCTCTCTCTGGCTCTCTGCTCAGGAGCCAGTTCCTCCAG
M A W T S L I L S L L A L C S G A S S Q

70 80 90 100 110 120
GCTGTTGTGACTCAGGAATCTGCACTCACCACATCACTGGTGGGAACAGTCATACTCACT
A V V T Q E S A L T T S P G G T V I L T

CDR1

130 140 150 160 170 180
TGTCGCTCAAGTACTGGGGCTGTTACAAC TAGTAAC TATGCCAAC TGGGTCCAAGAAAAA
C R S S T G A V T T S N Y A N W V Q E K

CDR2

190 200 210 220 230 240
CCAGATCATT TATTCACTGGTCTAATAGGTGGTACCAGCAACCGAGCTCCAGGTGTTTCCT
P D H L F T G L I G G T S N R A P G V P

250 260 270 280 290 300
GTCAGATTCTCAGGCTCCCTGATTGGAGACAAGGCTGCCCTCACCATCACAGGGGCACAG
V R F S G S L I G D K A A L T I T G A Q

CDR3

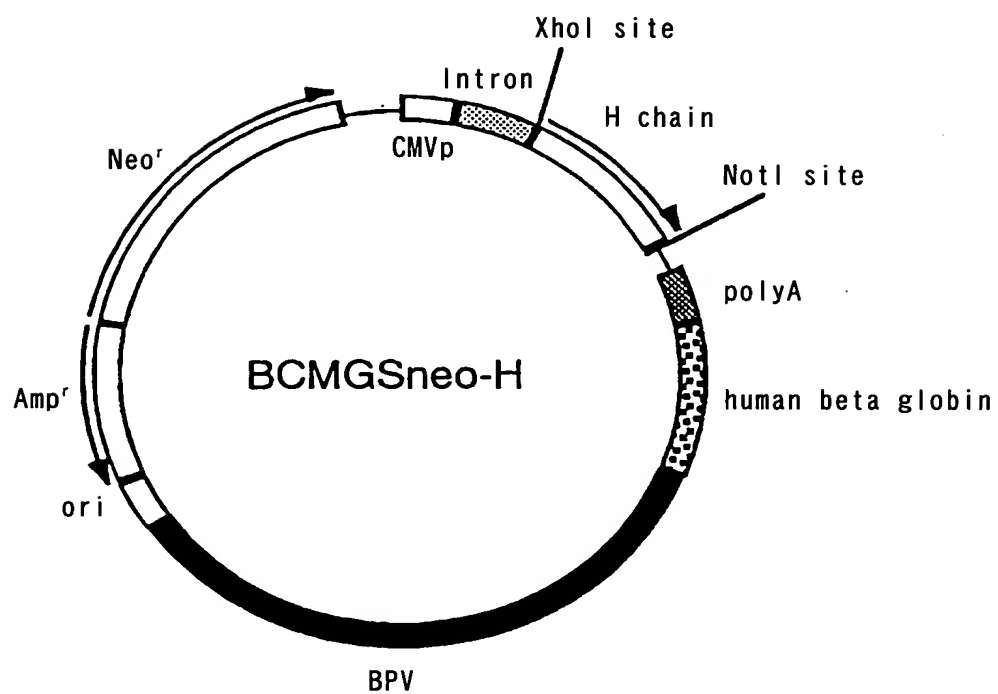
310 320 330 340 350 360
ACTGAGGATGATGCAATGTATTTCTGTGCTCTATGGTACAGCACCCATTATGTTTTCGGC
T E D D A M Y F C A L W Y S T H Y V F G

370 380
GGTGGAAACCAAGGTCAC TGTCTAGGT
G G T K V T V L G

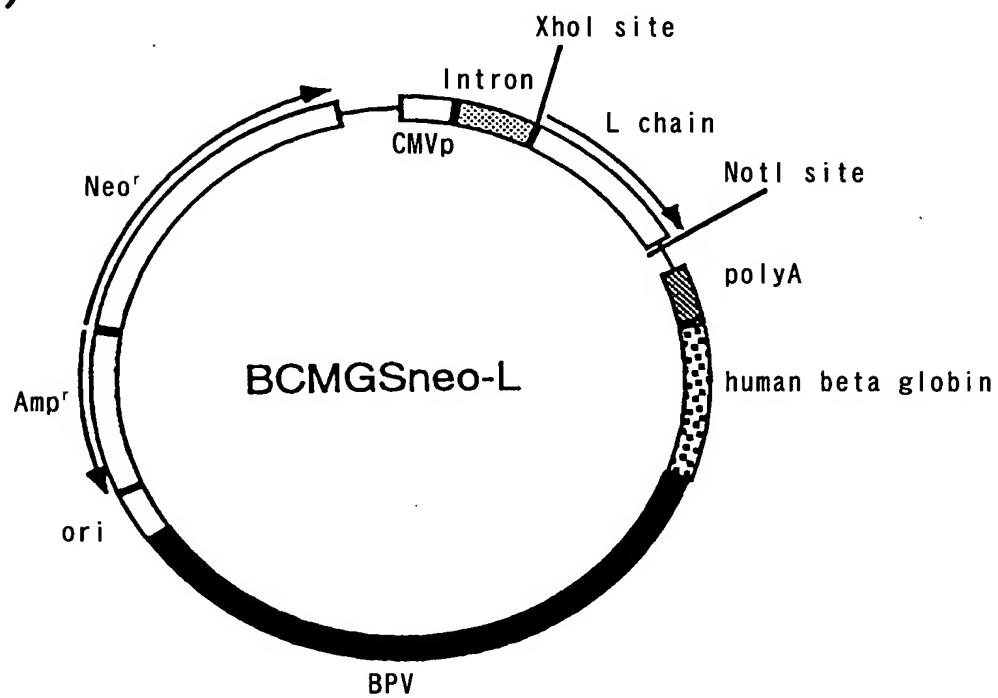
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Fig. 3

(A)

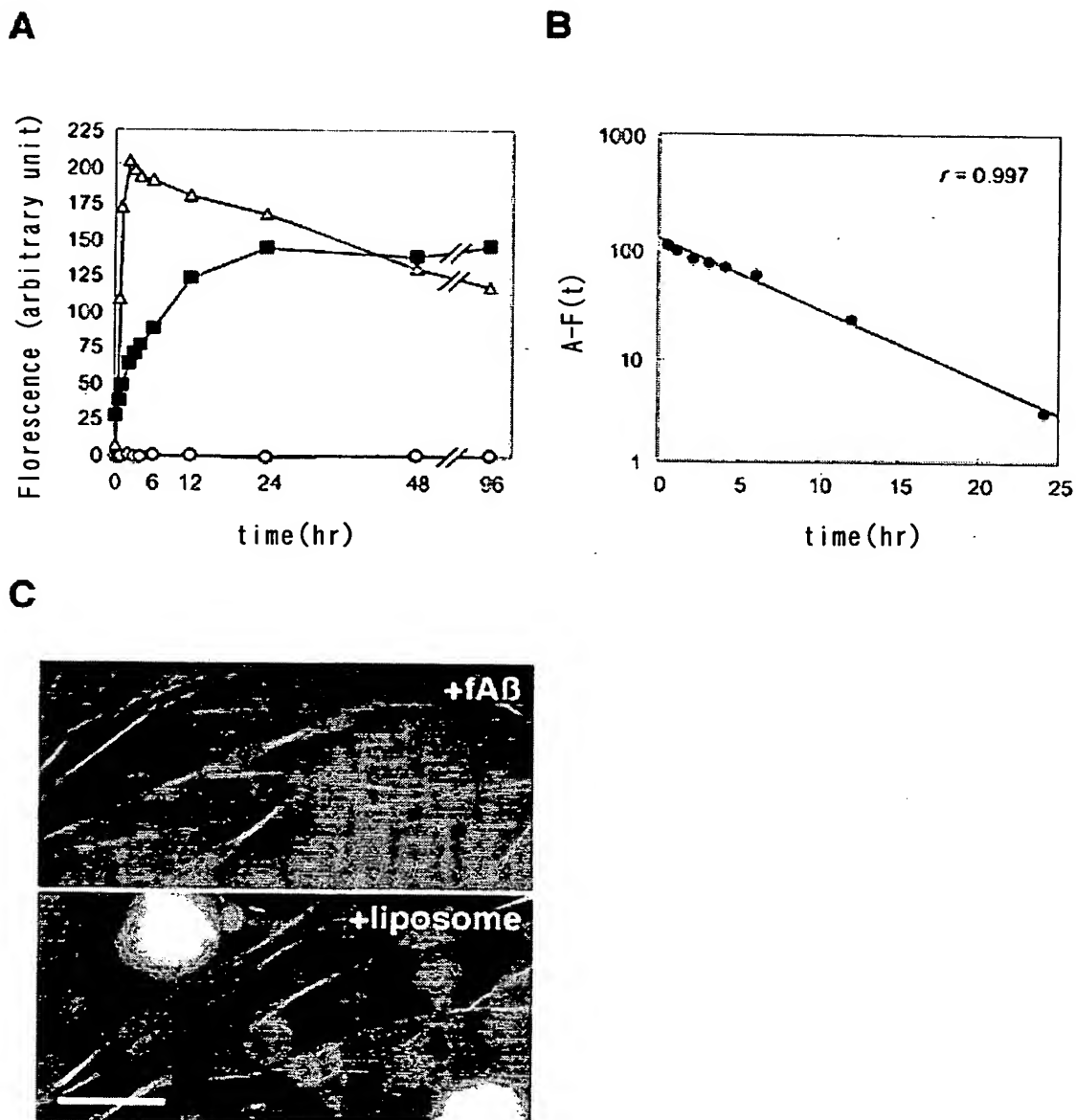


(B)



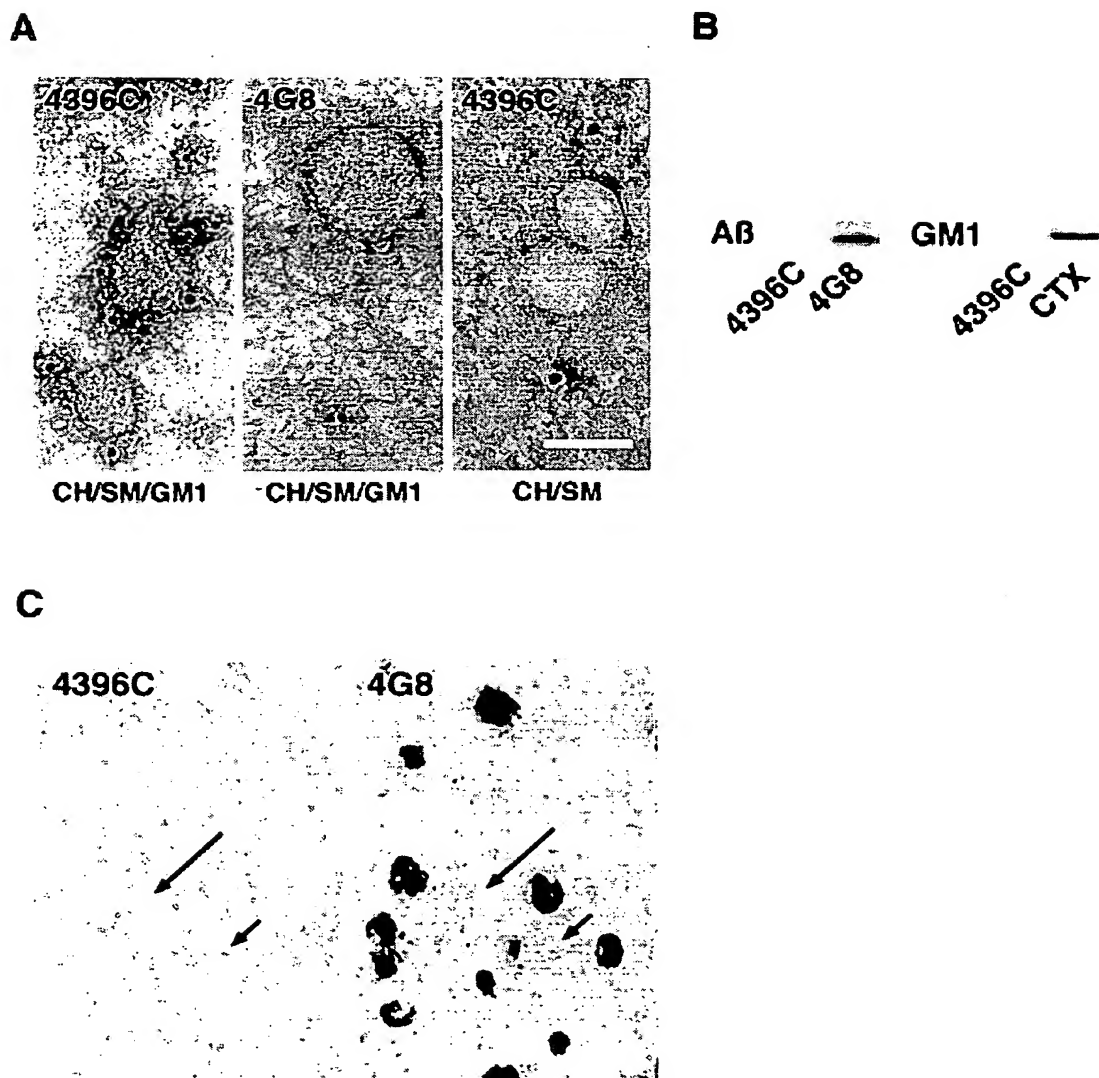
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Fig. 4



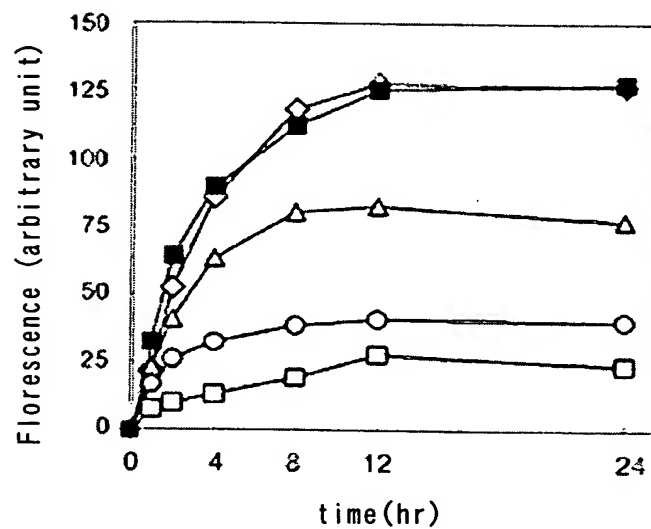
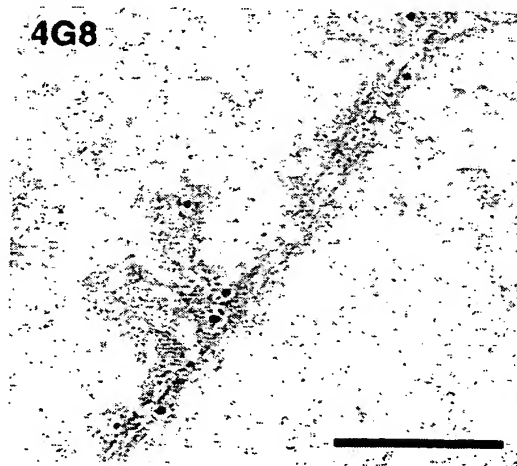
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Fig. 5



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Fig. 6

A**B**

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